

Docket No.: 43890-637

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Customer Number: 20277
	:	
Susumu FUKUSHIMA, et al.	:	Confirmation Number:
	:	
Serial No.:	:	Group Art Unit:
	:	
Filed: October 22, 2003	:	Examiner:
	:	
For: ANTENNA AND ELECTRONIC EQUIPMENT USING THE SAME	:	

INFORMATION DISCLOSURE STATEMENT

Mail Stop IDS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

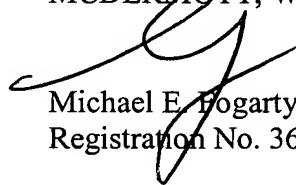
The relevance of Japanese Laid-Open Patent Publication No. H9-98015 is discussed in the present specification.

Serial No.:

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

MCDERMOTT, WILL & EMERY



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INFORMATION DISCLOSURE CITATION IN AN APPLICATION				ATTY. DOCKET NO. 43890-637		SERIAL NO.	
(PTO-1449)				APPLICANT Susumu FUKUSHIMA, et al.			
				FILING DATE October 22, 2003		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		US 5,696,517	12/09/1997	Kawahata et al.			
		US 5,760,746	06/02/1998	Kawahata			
		US 6,100,849	08/08/2000	Tsubaki et al.			
		US 6,177,908 B1	01/23/2001	Kawahata et al.			
		US 2002/0057138 A1	05/16/2002	Takagi et al.			
		US 2002/0145569 A1	10/10/2002	Onaka et al.			
		US					
		US					
		US					
		US					
		US					
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
	A	JP 09-98015	04/08/1997	MURATA MFG CO., LTD		Japanese (w/ English Abstract)	
	A	JP 11-74721	03/16/1999	MURATA MFG CO., LTD		Japanese (w/ English Abstract)	
	A	JP P2000-151258	05/30/2000	MURATA MFG CO., LTD		Japanese (w/ English Abstract)	
	A	JP P2000-278028	10/06/2000	MURATA MFG CO., LTD		Japanese (w/ English Abstract)	
	A	JP P2002-290141	10/04/2002	TDK CORP		Japanese (w/ English Abstract)	
	A	JP P2002-290143	10/04/2002	TDK CORP		Japanese (w/ English Abstract)	
	A	JP P2002-299945	10/11/2002	NGK SPARK PLUG CO LTD		Japanese (w/ English Abstract)	
	A1	WO 01/18909	03/15/2001	MURATA MFG CO., LTD			
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.